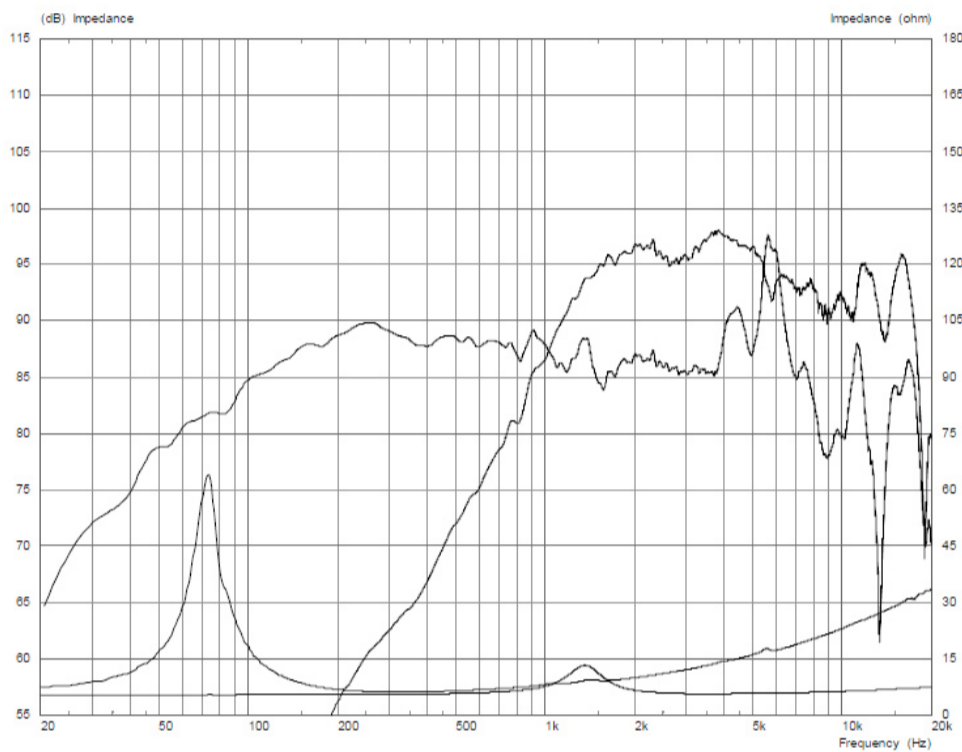


TFX0515



Silk dome tweeter 100° nominal HF coverage

Frequency Response and Impedance Curves



Power Rating: Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.

Continuous Power Rating is defined as 3dB greater than the AES rating.

Sensitivity measured on axis at 1W, 1m in 2 anechoic environment.

Xmax is derived from: (voice coil winding width-gap depth)/2.

HF Power Rating: Tested for two hours on plane wave tube using a continuous, band limited pink noise signal as per AES standard. Power calculated on minimum impedance

HF Continuous Power Handling is defined as 3dB greater than the AES rating

General Specifications

Nominal Diameter	125mm/5in
Power Rating	150W
Continuous Power Rating	300W
Sensitivity	89dB
Rated Impedance	8
Frequency Range	80Hz-4000Hz
Voice coil diameter (mm)	38mm
Voice coil diameter (in)	1.5in
Chassis Type	Pressed Steel
Magnet Type	Ferrite
Magnet Weight	0.65kg/23oz
Magnet Weight (kg)	0.65kg
Magnet Weight (oz)	23oz
Voice coil material	Copper Clad Aluminium
Former Material	Polyimide
Cone material	Kevlar loaded paper
Surround Material	Elastomer
Suspension	Single
xmax	2.25mm/0.09in
Xmax (mm)	2.25mm
Xmax (in)	0.09in
Gap Depth	6mm/0.24in
Gap Depth (mm)	6mm
Gap Depth (in)	0.24in
Voice coil winding width	10.5mm/0.41in
Voice coil winding width (mm)	10.5mm
Voice coil winding width (in)	0.41in

Mounting Information

Mounting slot dimensions	4.5mm/0.18in
Mounting slot PCD	140mm/5.5in
Number of mounting slots	4
Overall Depth	72mm/2.8in
Overall Diameter (mm)	136x151mm
overall_diameter_in	5.4x5.9in
Cut-out diameter	116mm/4.6in
Unit Weight	1.6kg/3.5lb

Small Signal Parameters

Sd	78.54sq cm/12.17sq in
Fs	80Hz
Mms	9.073g/0.32oz
Qms	10.966
Qes	0.665
Qts	0.627
Re	5.77
Vas	2.54l/0.9cu ft
Bi	6.96Tm
Cms	0.291mm/N
Rms	0.509kg/s
Le (at 1kHz)	0.363mH

Additional HF Specifications

Power Rating	10W
Continuous Power Rating	20W
Nominal Impedance	8
Sensitivity	96dB
Frequency Range	1400Hz-20,000Hz
Recommended Min Crossover	1200Hz
Voice Coil Diameter	25mm/1in
Magnet Type	Neodymium
Diaphragm and Surround Material	Alk